



557 609

(43) International Publication Date
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number
WO 2004/107917 A1

(51) International Patent Classification⁷: **A47C 1/024**

(21) International Application Number:
PCT/KR2004/001201

(22) International Filing Date: 20 May 2004 (20.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2003-0032799 23 May 2003 (23.05.2003) KR
10-2004-0033481 12 May 2004 (12.05.2004) KR

(71) Applicant and

(72) Inventor: LEE, Jong-Ho [KR/KR]; 306-1003 Wonpung Byeoksan APT, #125, Palyong-dong, Changwon-shi., Ky-oungsangnam-do 641-465 (KR).

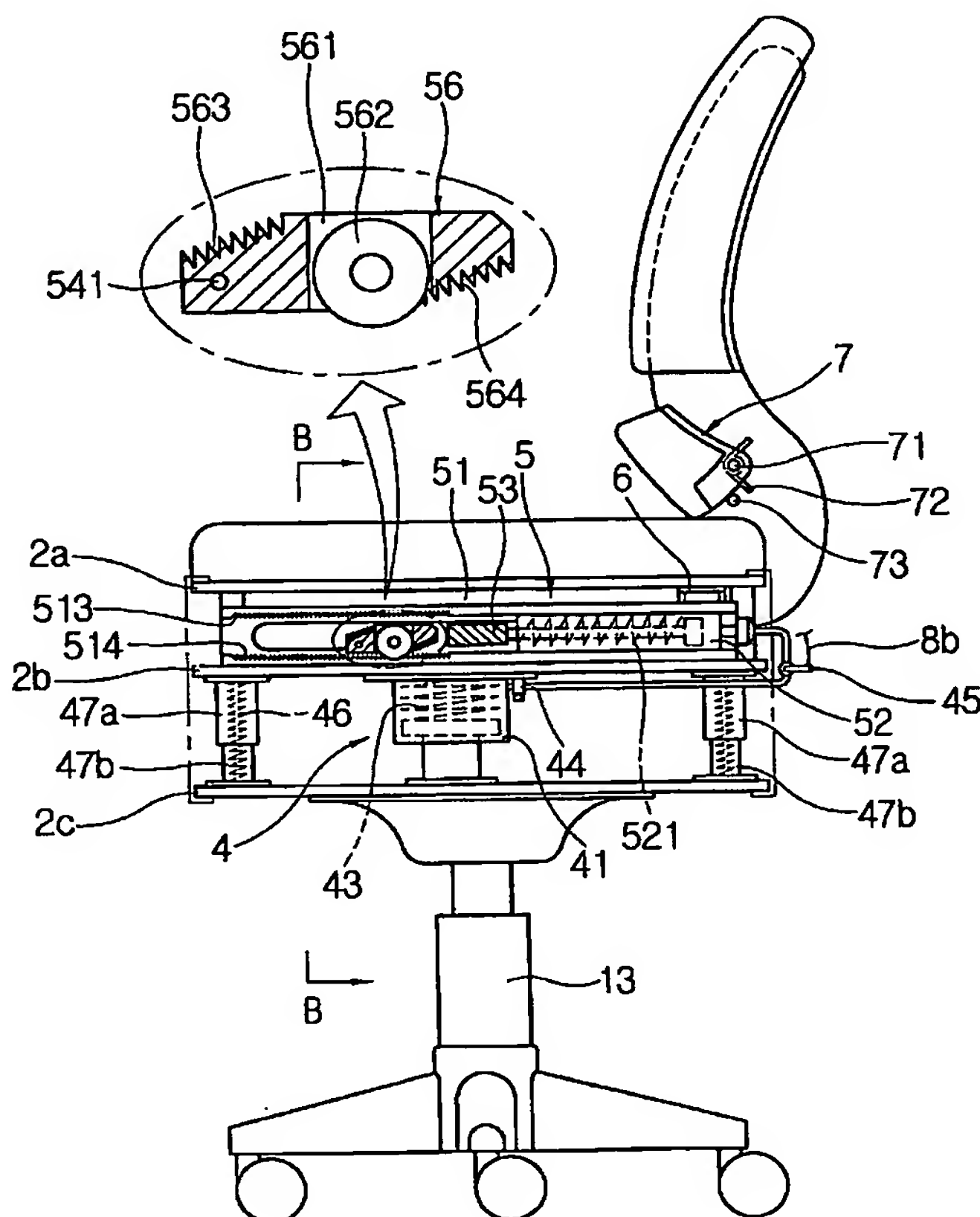
(74) Agent: KIM, Seok-Yun; RM202, Hwain B/D, #824-29 Yoksam-dong, Kangnam-gu, Seoul 135-934 (KR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CONTROL OF MOBILE PACKET STREAMS



(57) Abstract: A system and method are presented for discovering mobile collaborators on a peer-to-peer (P2P) network. Each collaborator is identified on the P2P network by a unique ID. Each collaborator may also be identified by an identity file posted on the P2P network. Collaboration applications may include any of a variety of applications involving the exchange of information between 2 or more collaborators, such as voice over IP (VoIP). Dynamic file querying can be performed to filter the identity files most relevant to a particular peer partner. Web services are used end-to-end between P2P mobile devices and also between devices and third party service providers. Search engines use self-provisioning concepts for searches and WEB services querying. End-user devices register their personal information on P2P networks using identity self-provisioning and WEB services templates for a variety of uses, such as personal, gaming or business

WO 2004/107917 A1



Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.